

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: VT1840 **Lot #:** B2701

Description: CK-MB Type 1, Recombinant
Creatine Kinase MB (CK-MB) Type 1, Recombinant

Recombinant full length Creatine Kinase MB isoenzyme without the C-terminal lysine on the M subunit. CK-MB is a dimeric protein comprised of M and B subunits. The doublet band migrating approximately 44 kDa is not resolved on most gels. Purified in the enzymatically active form. Reacts with monoclonal antibodies specific to MB isoenzyme in ELISA.

Source: *Pichia pastoris*

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Purified under non-denaturing conditions.

Concentration: 7.9 mg/mL (Coomassie® Plus)
Activity: 486 IU/mg @37°C (Teco Diagnostics Creatine Kinase Reagent Kit)

Buffer: 0.02 M Potassium Phosphate, 1 mM DTT, 50% Glycerol, pH 5.0 to 6.0.

Preservative: None

Applications: Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at -70°C or below. Aliquot to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Sincerely, J. Orr

20 March 2019

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY